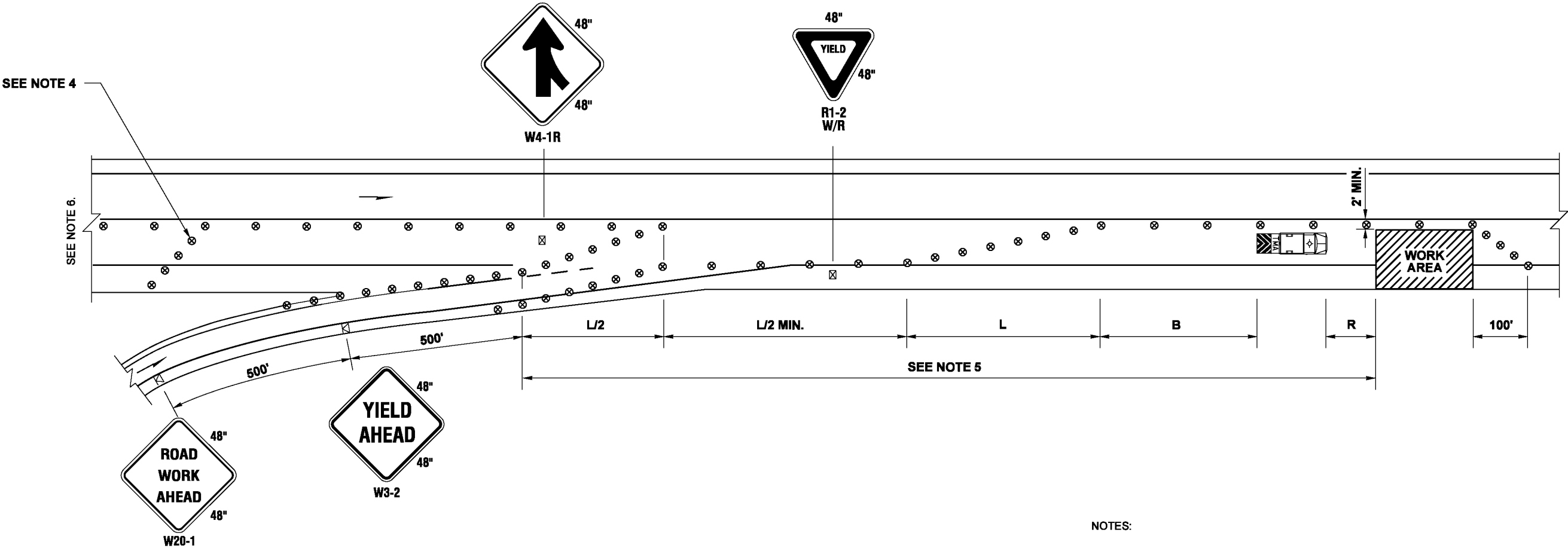


MINIMUM TAPER LENGTH = L (feet)										
LANE WIDTH (feet)	Posted Speed (mph)									
	25	30	35	40	45	50	55	60	65	70
10	-	-	-	-	450	500	550	-	-	-
11	-	-	-	-	495	550	605	660	-	-
12	-	-	-	-	540	600	660	720	780	840

CHANNELIZATION DEVICE SPACING (feet)		
MPH	TAPER	TANGENT
50/70	40	80
40/45	30	60

BUFFER DATA										
LONGITUDINAL BUFFER SPACE = B										
SPEED (MPH)	25	30	35	40	45	50	55	60	65	70
LENGTH (feet)	-	-	-	-	360	425	495	570	645	730
BUFFER VEHICLE ROLL AHEAD DISTANCE = R										
TRANSPORTABLE ATTENUATOR									30 FEET MIN. TO 100 FEET MAX.	
MINIMUM HOST VEHICLE WEIGHT 15,000 LBS. THE MAXIMUM WEIGHT SHALL BE IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION.										



LEGEND

- TEMPORARY SIGN LOCATION
- TRAFFIC SAFETY DRUM
- SEQUENTIAL ARROW SIGN
- TRANSPORTABLE ATTENUATOR
- TEMPORARY SIGN LOCATION (5' MOUNTING HEIGHT)

- NOTES:
- NO FLAGGER'S OR SPOTTERS.
 - USE A DOWNSTREAM TAPER TO END THE LANE CLOSURE WITH 20' DEVICE SPACING.
 - DEVICES SHALL NOT ENCROACH INTO ADJACENT LANES.
 - USE TRANSVERSE DEVICES IN CLOSED LANES EVERY 1000'± (RECOMMENDED).
 - SEE SHEET TCXX FOR A SHORT TERM ON-RAMP CLOSURE WHEN THE WORK AREA LOCATION RESTRICTS RAMP ACCESS.
 - SEE TC3 OR TC7 FOR RIGHT LANE CLOSURE.
 - ALL SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE DESIGNATED.
 - SEE SPECIAL PROVISIONS FOR CLOSURE HOUR RESTRICTIONS.

TEMPORARY ON-RAMP FOR
MULTI-LANE ROADWAYS

NOT TO SCALE

FILE NAME				S:\Design R P& SV4-Standards\2-Plan Sheet Library\10-Work Zone Traffic Control (TC)\TC-9\TC-9.dgn				REGION NO.		STATE		FED.AID PROJ.NO.		DATE		DATE				TC9	
TIME				11:08:28 AM				10		WASH											
DATE				5/17/2013				JOB NUMBER				LOCATION NO.								SHEET	
PLOTTED BY				CyfordL				CONTRACT NO.												OF	
DESIGNED BY																				SHEETS	
ENTERED BY																					
CHECKED BY																					
PROJ. ENGR.																					
REGIONAL ADM.								REVISION		DATE		BY									